

Title (en)  
Door coupling device

Title (de)  
Türkupplungsvorrichtung

Title (fr)  
Dispositif d'accouplement d'une porte

Publication  
**EP 0484170 B1 19960515 (EN)**

Application  
**EP 91310103 A 19911031**

Priority  
US 60743790 A 19901031

Abstract (en)  
[origin: EP0484170A2] A coupler is provided for connecting and disconnecting a car door to a hoistway door, the coupler having a lever (58) attached about a middle portion thereof to one of the car or hoistway doors, the lever having rollers (82,84) disposed at an end portion thereof for fixedly engaging the other of the car or hoistway doors, the lever cooperating with a linkage (42) connected to the door operating unit to allow the rollers to engage the other of the car or hoistway doors (vane 24) without moving the other of the car or hoistway doors. A latch (54) cooperates with the linkage to allow the car doors to close without disengaging the rollers from the vane and for allowing the rollers to disengage the vane after the doors are closed. <IMAGE>

IPC 1-7  
**B66B 13/12**

IPC 8 full level  
**B66B 13/12** (2006.01)

CPC (source: EP US)  
**B66B 13/12** (2013.01 - EP US)

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DE ES FR GB

DOCDB simple family (publication)  
**EP 0484170 A2 19920506; EP 0484170 A3 19930421; EP 0484170 B1 19960515**; BR 9103736 A 19920519; DE 69119540 D1 19960620; DE 69119540 T2 19970116; ES 2090257 T3 19961016; HK 1697 A 19970110; JP H0717678 A 19950120; US 5105916 A 19920421

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